BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Repairs and Maintenance of Roads and Drains in Ward No 06 Byatarayanapura Sub Division**

Detail Measurement

Job Code : 006-22-000010

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BRUHATH BANGALORE MAHANAGARAPALIKE
YELAHANKA ZONE
1ST AND FINAL BILL

Name of work: Repairs and Maintenance of Roads and Drains in Ward No 06 Byatarayanapura Sub Division

Work Order No: BBMP/EE/BTP/WO/05/2022-23 dt: 07.04.2022

JOB NUMBER: 006-22-000010

Estimate Cost: 30.00 lakhs.

Name of Contractor : Sri. K.R Construction, Prop. C. Mahesh,

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)								
		Cum							
	Qty Recorded as per Premeasurement Page No. is 1 to 2						**448.40**	**170.70**	**76542.00**
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
		Cum							
	Qty Recorded as per Premeasurement Page No. is 2						**35.18**	**4800.00**	**168864.00**
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)								
	drain bottam correction - Saraipalay main road L/s From Masjid Road	**Cum**	1	26.50	0.60	0.15	2.39		
			1	29.30	0.60	0.12	2.11		
			1	25.20	0.60	0.12	1.81		
			1	25.60	0.60	0.12	1.84		
			1	25.00	0.60	0.15	2.25		
			1	25.00	0.60	0.15	2.25		
			1	25.00	0.60	0.10	1.50		
			1	24.90	0.60	0.15	2.24		
			1	25.60	0.60	0.10	1.54		
			1	25.30	0.60	0.15	2.28		
	For Raising drain side wall		2	26.50	0.15	0.20	1.59		
			2	29.30	0.15	0.20	1.76		
			2	25.20	0.15	0.20	1.51		
			2	25.60	0.15	0.20	1.54		
			2	25.00	0.15	0.20	1.50		
			2	25.00	0.15	0.20	1.50		
			2	25.00	0.15	0.20	1.50		
			2	24.90	0.15	0.20	1.49		

Assistant Engineer
Byatarayanapura Sub Division
Bangalore-560024

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			2	25.60	0.15	0.20	1.54		
			2	25.30	0.15	0.20	1.52		
for Drain bottom, sonia school			1	30.00	1.15	0.15	5.18		
			1	30.00	1.15	0.15	5.18		
			1	27.40	1.15	0.15	4.73		
			1	24.60	1.15	0.15	4.24		
drain side wall			2	30.00	0.15	0.65	5.85		
			2	30.00	0.15	0.65	5.85		
			2	27.40	0.15	0.65	5.34		
			2	24.60	0.15	0.70	5.17		
for culverts bottom									
Culvert-1			1	5.60	1.50	0.20	1.68		
Culvert-2			1	5.00	1.45	0.20	1.45		
Culvert-3			1	5.65	1.50	0.20	1.70		
Culvert-4			1	5.80	1.45	0.20	1.68		
Culvert-5			1	5.00	1.50	0.20	1.50		
Culvert-6			1	5.00	1.50	0.20	1.50		
Culvert-7			1	5.00	1.45	0.20	1.45		
Culvert-8			1	5.00	1.50	0.20	1.50		
Culvert-9			1	6.50	1.50	0.20	1.95		
Cd side wall			2	5.60	0.25	0.70	1.96		
			2	5.00	0.27	0.70	1.89		
			2	5.65	0.30	0.65	2.20		
			2	5.80	0.28	0.70	2.27		
			2	5.00	0.28	0.65	1.82		
			2	5.00	0.27	0.70	1.89		
			2	5.00	0.30	0.65	1.95		
			2	5.00	0.27	0.70	1.89		
			2	6.50	0.25	0.70	2.28		
culvert ramp			5	5.00	0.60	0.12	1.80		
			2	5.60	0.60	0.12	0.81		
			1	5.80	0.60	0.12	0.42		
					Actiual Qty		112.76	80.17	
					Ltd to		111.40	6300.00	701820.00
3	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600 & 2200 Specification No. Pg								
		Tonne							
	Qty Recorded as per Premeasurement Page No. is 263						5.85	68000.00	397800.00
5	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)								
	Saraiplaya main road L/s From Masjid Road	**Sqm**	1	18.00	0.90		16.20		
			1	25.00	0.90		22.50		
			1	24.00	0.90		21.60		
			1	22.00	0.90		19.80		

80.10

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

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BBMP, Bangalore-92

Assistant Engineer
Byatarayanapura Division
B.B.M.P. Bangalore-92

20.06.2022

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			1	21.00	0.90		18.90		
			1	25.00	0.90		22.50		
			1	22.00	0.90		19.80		
			1	24.50	0.90		22.05		
			1	24.00	0.90		21.60		
			1	22.50	0.90		20.25		
	For New drain- Sonia school road		1	30.00	0.75		22.50		
			1	30.00	0.75		22.50		
			1	27.40	0.75		20.55		
			1	24.60	0.90		22.14		
					Total Qty		292.89	212.79	
					Ltd to		292.50	1900.00	555750.00
6	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge								
	Culvert-1	Sqm	1	5.60	1.25		7.00		
	Culvert-2		1	5.00	1.25		6.25		
	Culvert-3		1	5.65	1.25		7.06		
	Culvert-4		1	5.80	1.25		7.25		
	Culvert-5		1	5.00	1.25		6.25		
	Culvert-6		1	5.00	1.25		6.25		
	Culvert-7		1	5.00	1.25		6.25		
	Culvert-8		1	5.00	1.25		6.25		
	Culvert-9		1	6.50	1.25		8.13		
	culvert repair		1	5.40	1.25		6.75		
			1	5.40	1.25		6.75		
					Total Qty		74.19	74.19	
					Ltd to		73.20	4500.00	329400.00
					Grand Total				2230176.00
					GST Charges (12% of estimated				267621.00
					Total Amount				2497797.00

Round off 24,97,500/-

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M P Bangalore-560024

25.07.2022
Assistant Engineer
Ward No. 06

25/07
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M P Bangalore-560024

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